

110

Record	City	First Name	Last Name	Shoe Size
1	Plymouth	John	Smith	9
2	Plymouth	John	Doe	8
3	Plymouth	Bill	Smith	7
4	Detroit	Jeff	Smith	8
5	Detroit	John	Jones	8
6	Detroit	Bill	White	9
7	Detroit	Tom	Black	9
8	Detroit	Dave	Smith	6
9	Detroit	Frank	Jones	7
10	Pontiac	Bill	Jones	9
11	Pontiac	Jeff	Black	8
12	Pontiac	Frank	Doe	8

Fig 1

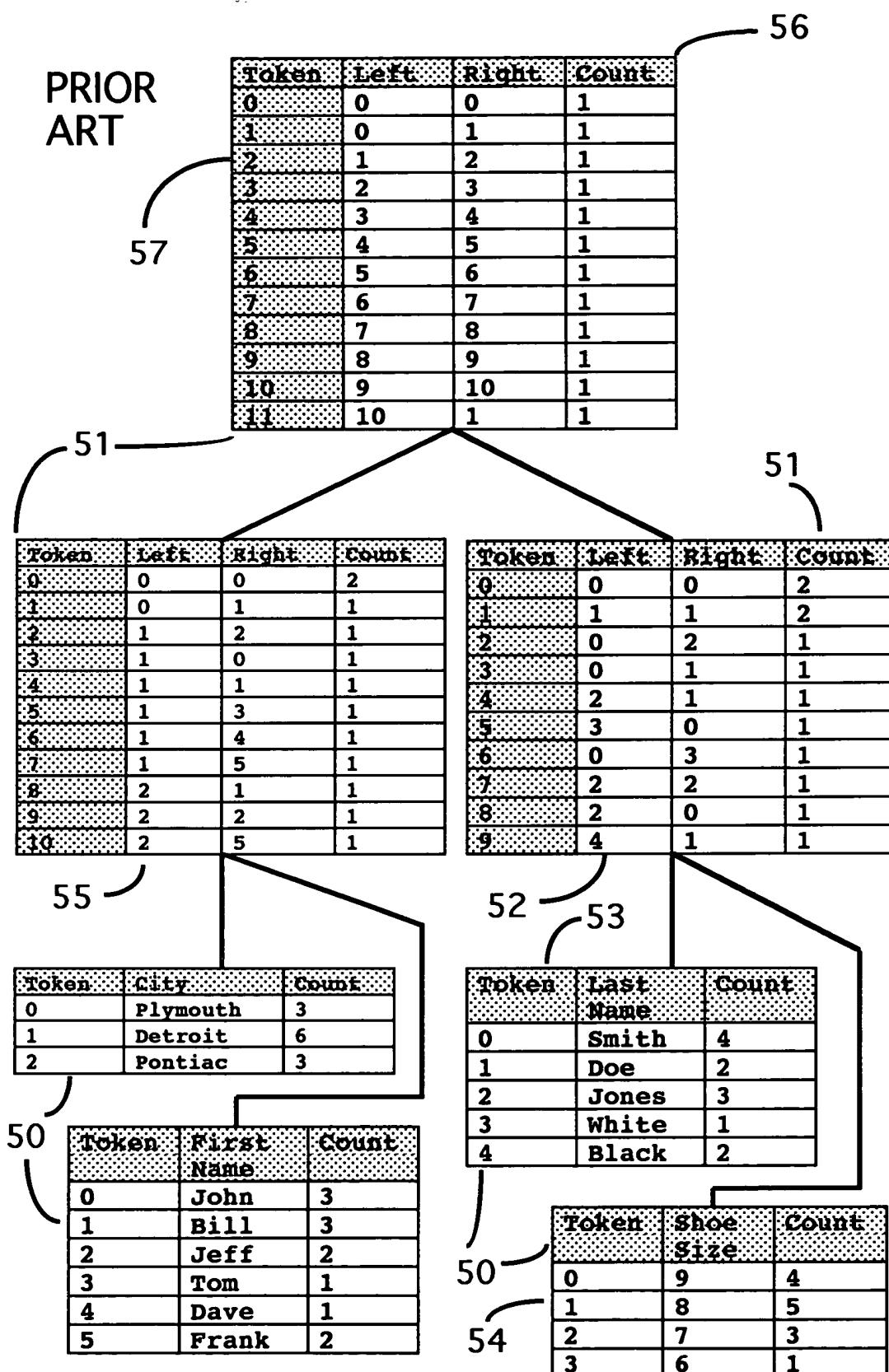
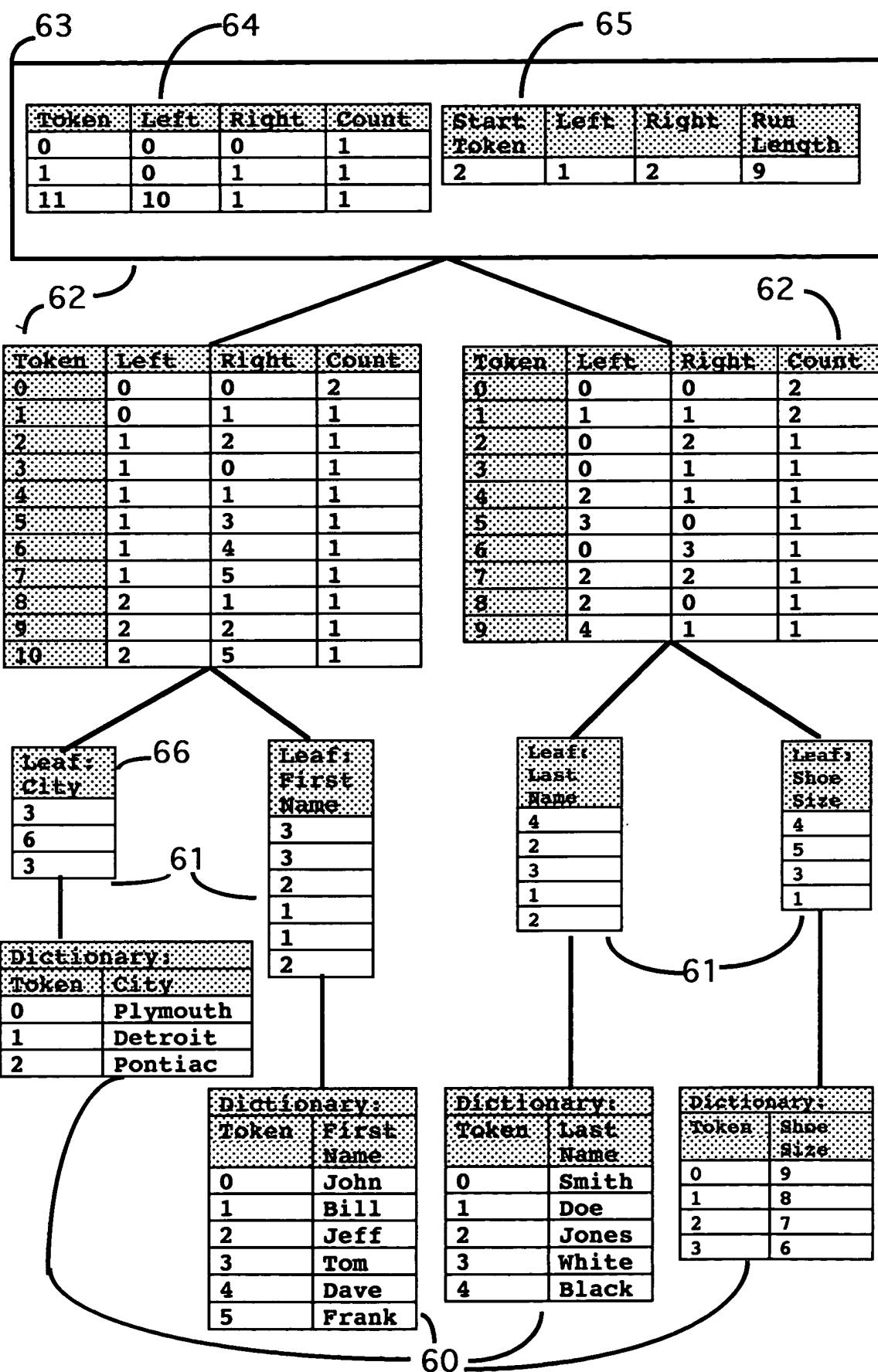


Fig 2



4/10

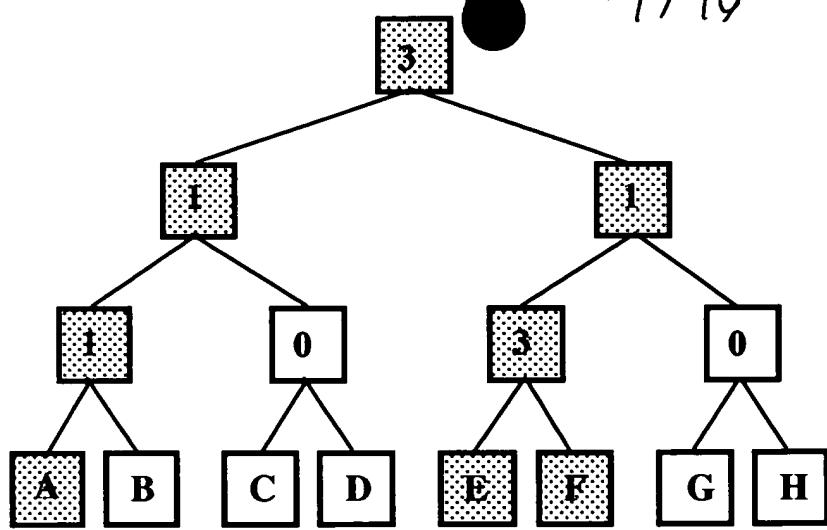


Fig 6

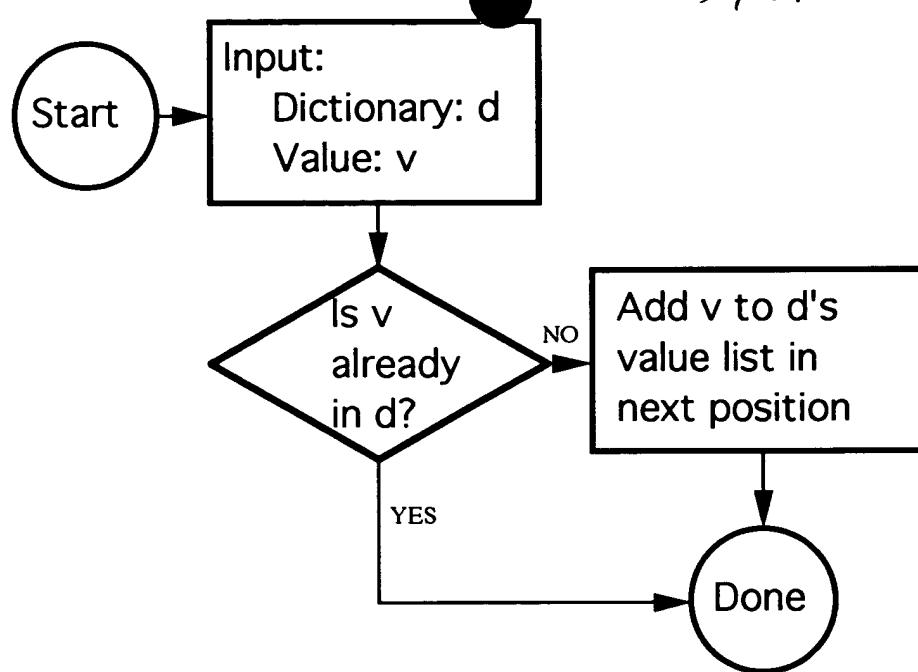


Fig 7

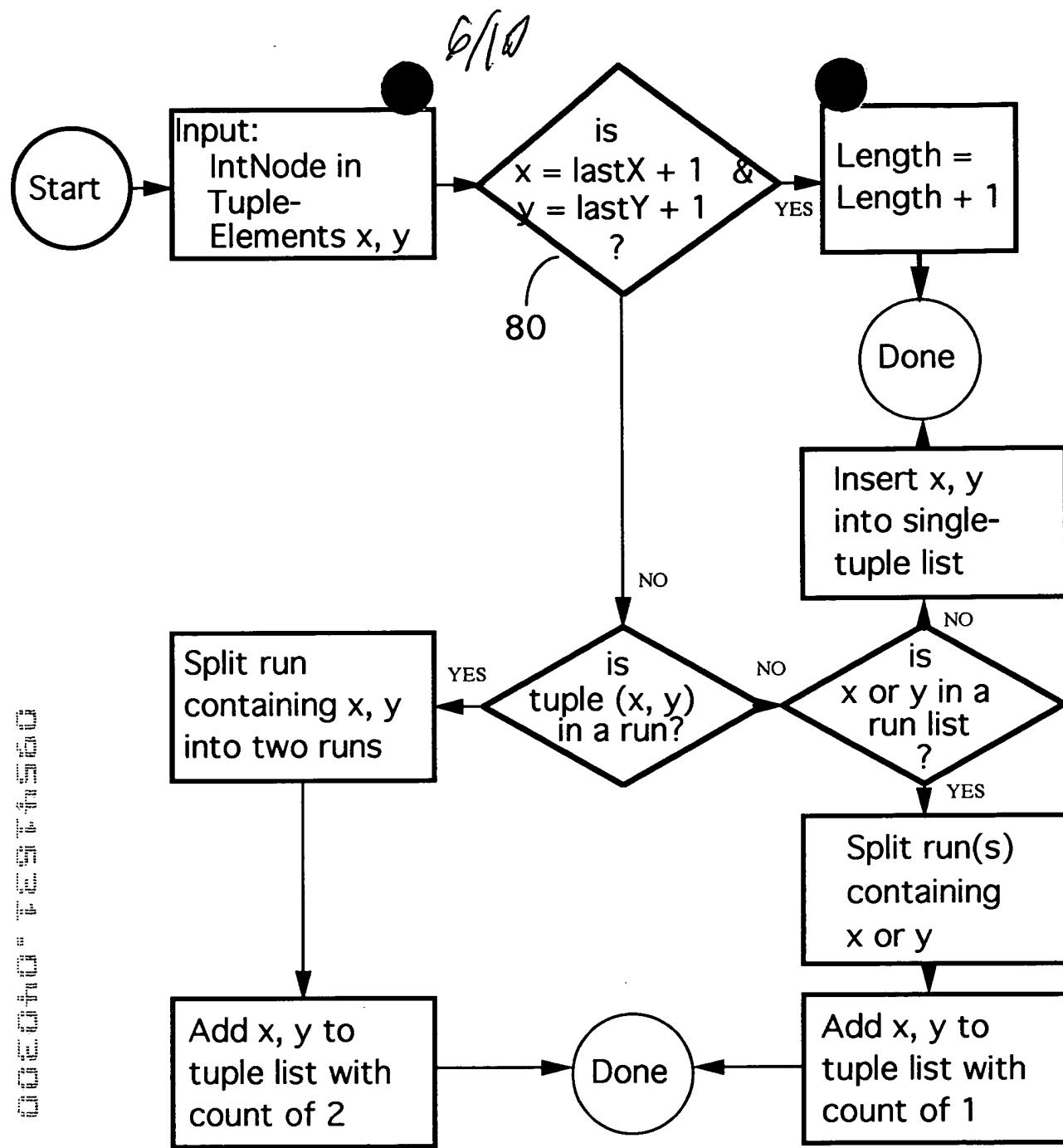


Fig 9

$$\left[(1, 1) \ (2, 2) \ (3, 3) \ (4, 4) \ (5, 5) \ (6, 6) \right] + (4, 4)$$

Fig 10

$$(0, 1, 1, 6) + (4, 4) \text{ count 1}$$

Fig 11

$$\left[(1, 1) \ (2, 2) \ (3, 3) \right] + (4, 4) \text{ count 2}$$
$$\left[(5, 5) \ (6, 6) \right]$$

Fig 12

$$(0, 1, 1, 3) + (3, 4, 4, 2)$$
$$(4, 5, 5, 2)$$

Fig 13

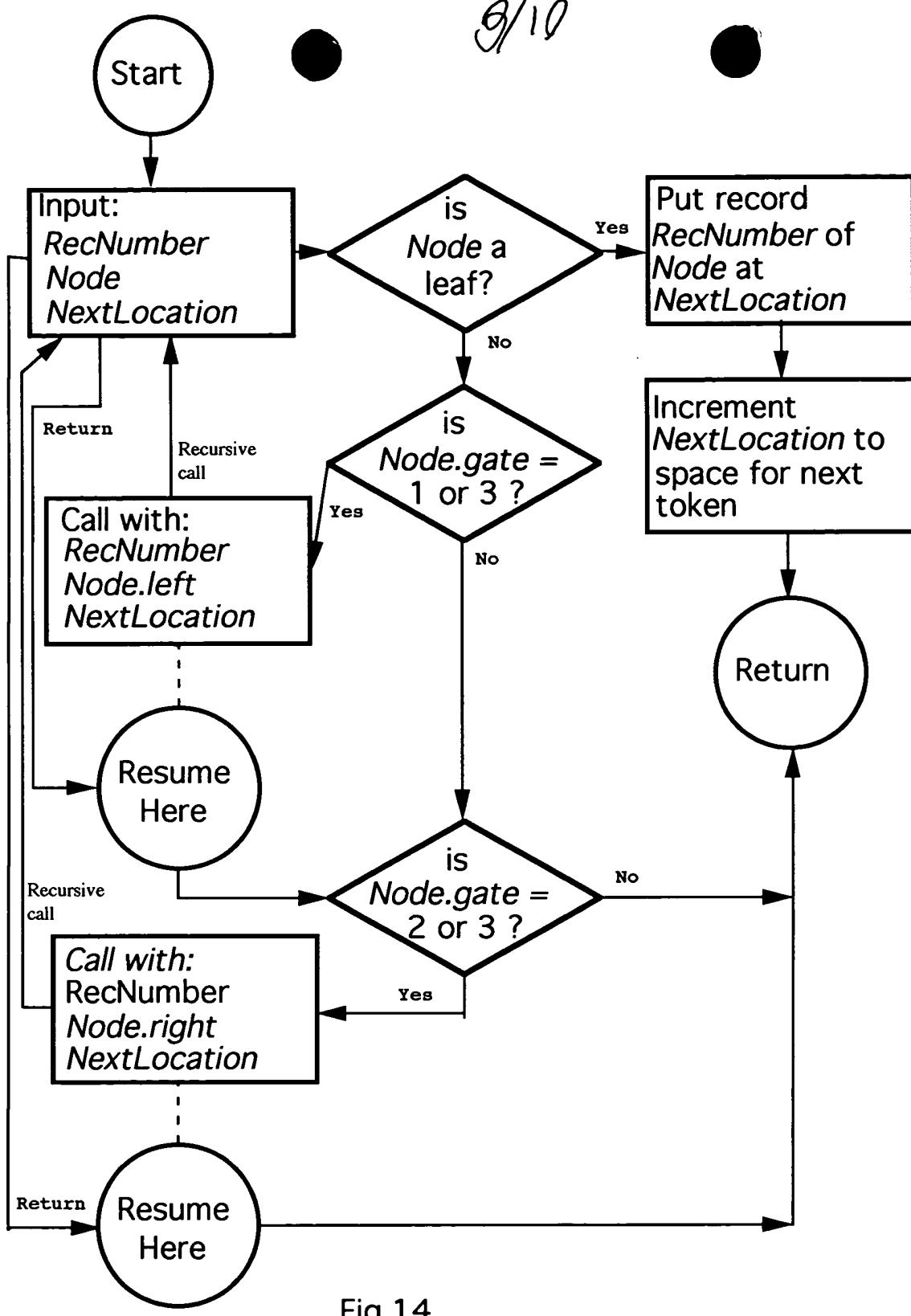


Fig 14

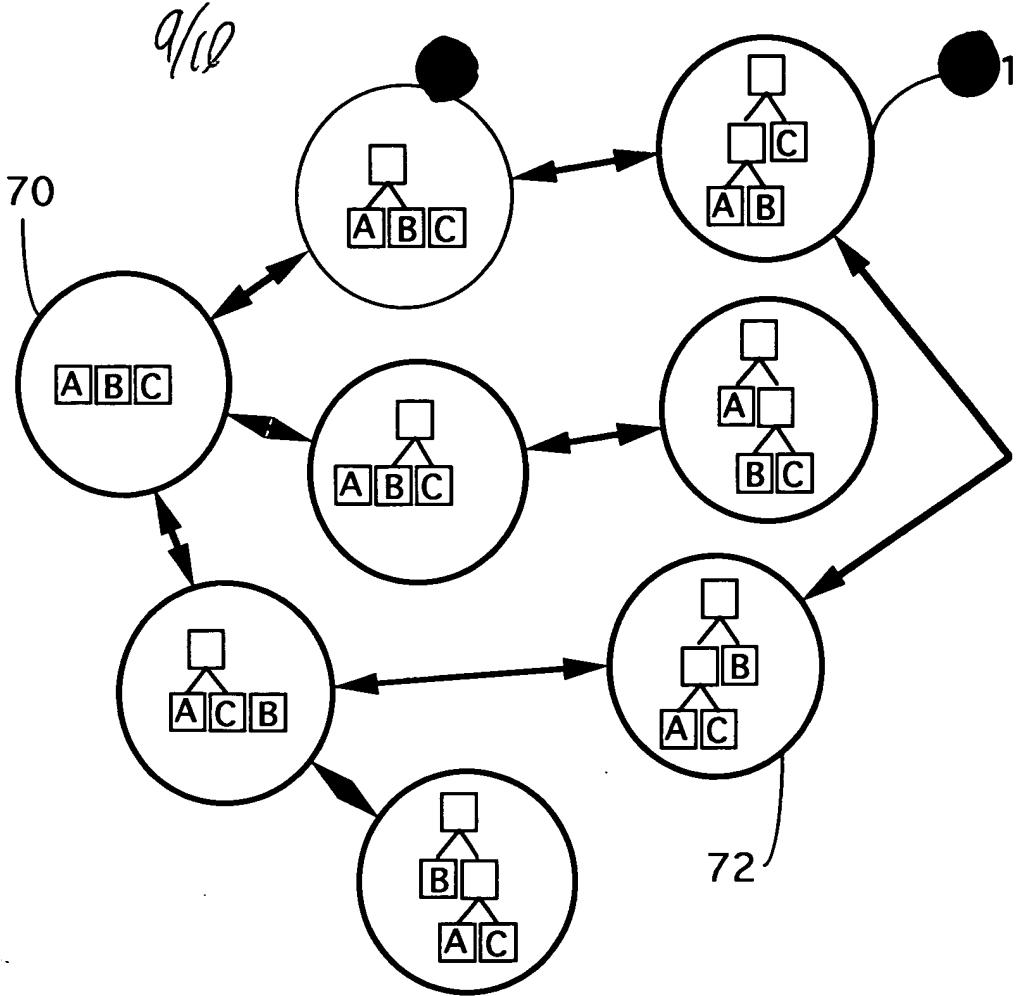


Fig 15

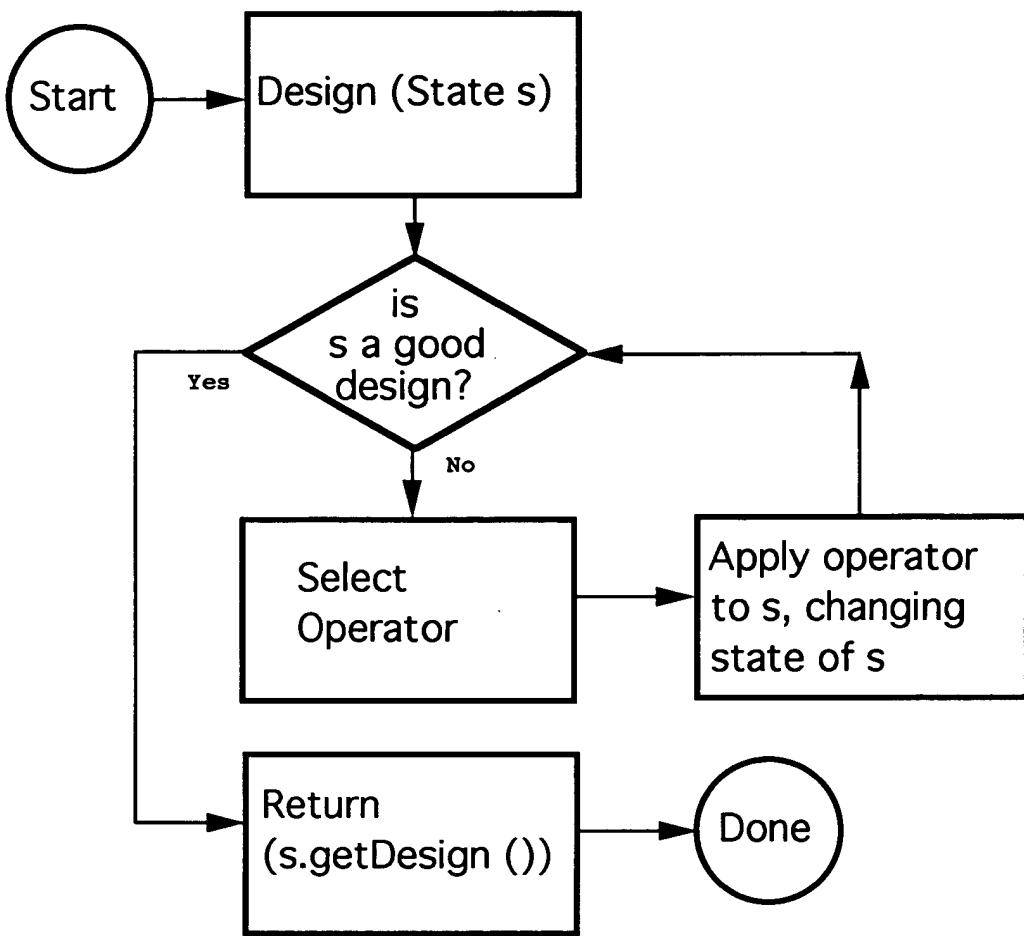


Fig 16